National Defense Industrial Association

Armaments for the Army of the Future
24th June 1998

David Leslie

CTA INTERNATIONAL

Presentation Outline

Background
Why CT Technology is required
Where CT Technology is today
Integration benefits of CT Technology
Benefits of Ownership

CTA International



Investment since 1994 - \$30M Investment commitment - \$20M CTAI is a joint venture company 50 50 BAe and Giat Industries.

Dedicated team, 33 strong, British and French engineers and scientists

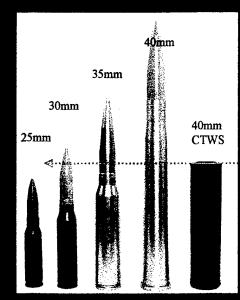
Total company, focused on

Total company focused on development of 40mm Cased Telescoped Weapon System

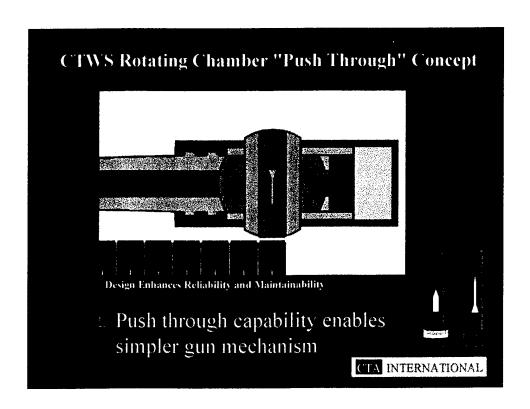
Program funded from industrial investment

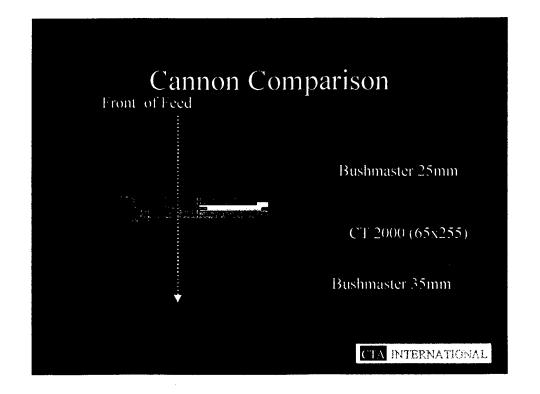
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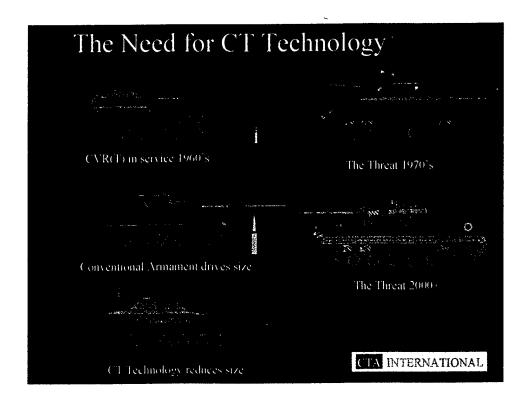
Ammunition Comparison

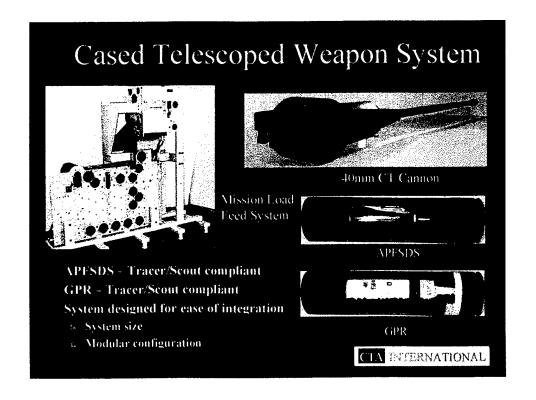


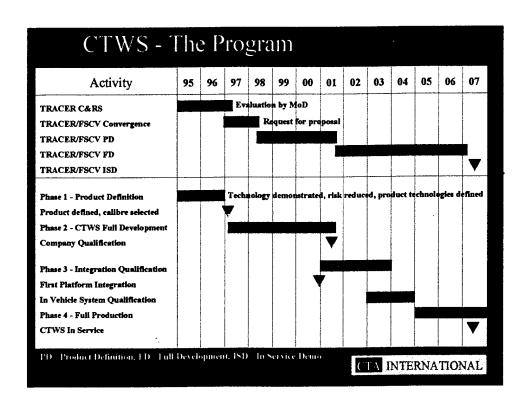
30% saving in volume for the same performance 30% more performance for the same volume

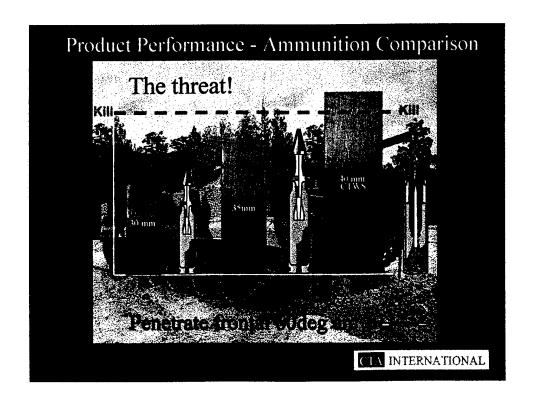






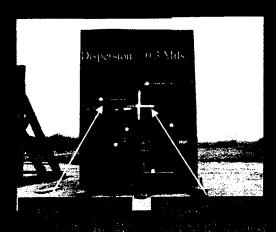




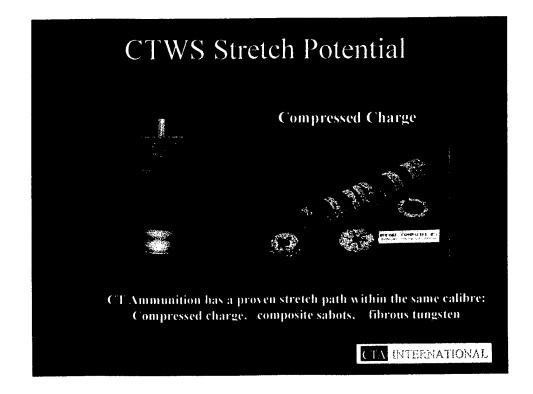


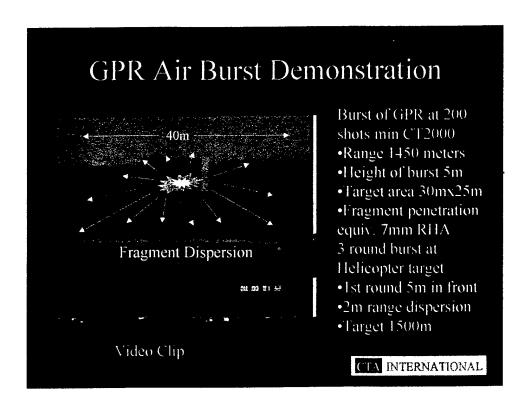


40mm CTWS at 1500m

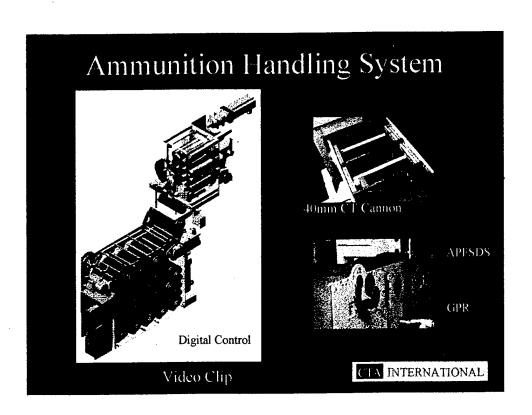


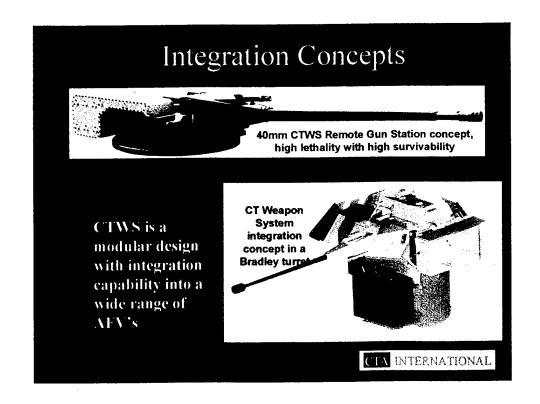
APFSDS service round
Loose fill propellant
Tungsten rod
APFSDS stretch round
Compressed charge
Tungsten rod
Target I
150mm RHA plus
Behind Armor Pack
Target 2
160 RHA (20deg) plus
Behind Armor Pack

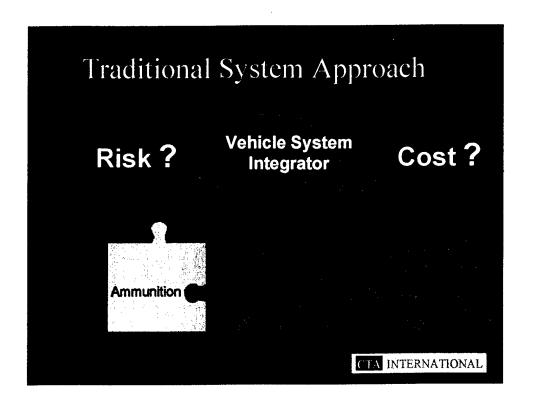


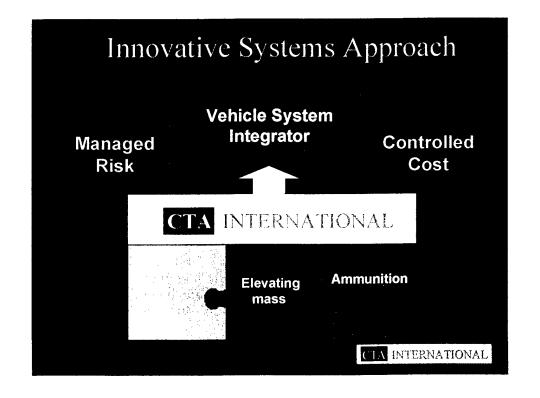


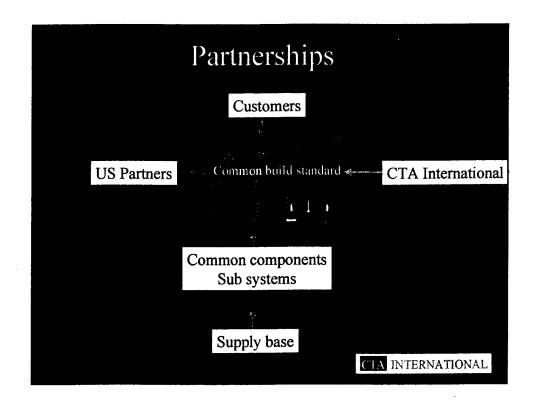


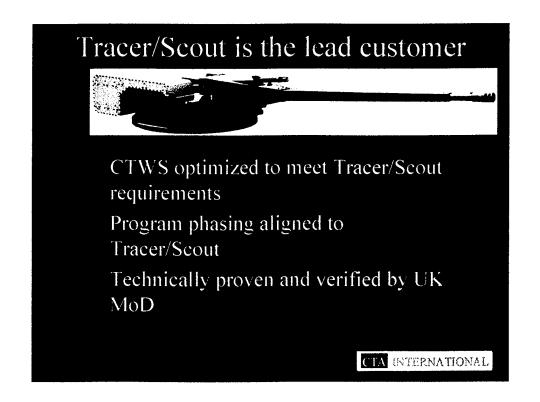






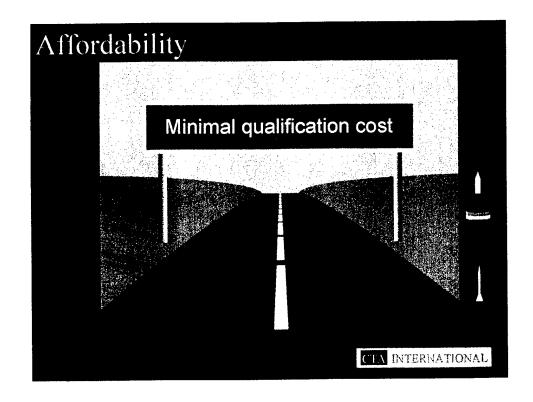


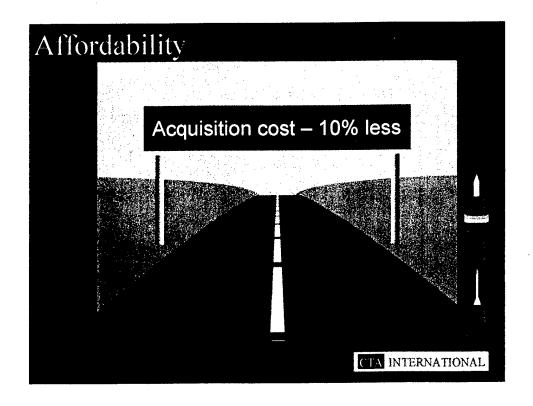


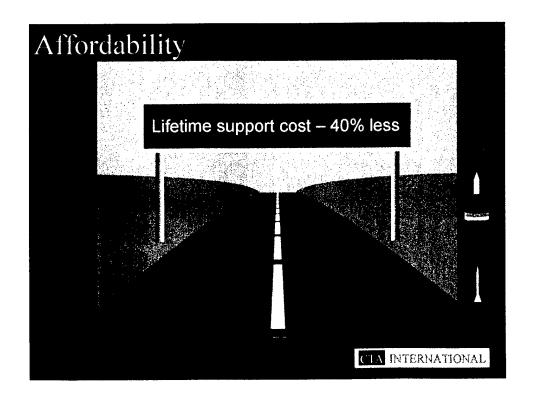


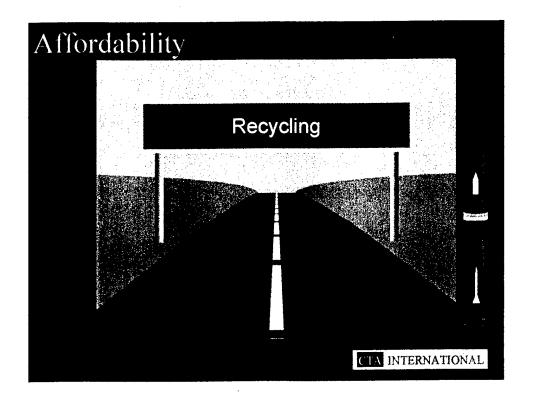
Product Maturity

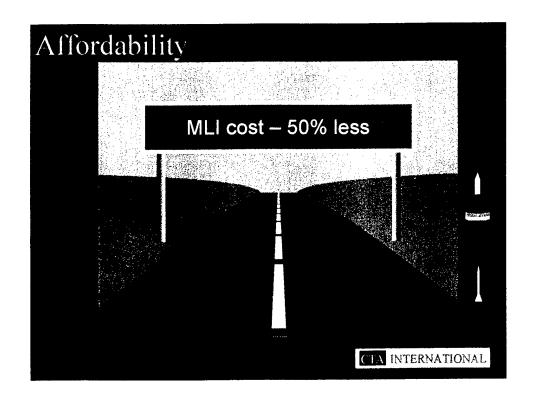
- Technology demonstrated
- Full development programme underway
- Company qualification process supported by UK Mod
- Ordnance Board
- SD Armour threat defeat demonstrated
 - GPR effective with time burst fuzing demonstrated
- Linkless Feed system technology demonstrated
- & Stretch Path demonstrated

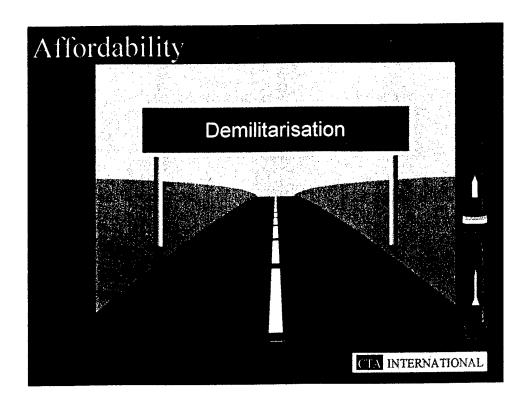


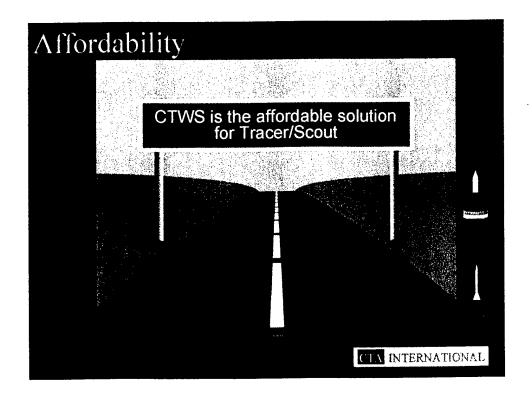












CTWS Benefits of Ownership

- Product performance
 Product maturity
 Affordability
 Integration benefits
 System approach
- (A.C.)

CIA INTERNATIONAL

Benefits to CTAI Customers/Partners

CTWS can, through innovation and investment, deliver at low risk:

- Reliability
- Affordability
- Performance
- Lull life support

Government agencies can, through acquisition reform and sound scientific advice deliver:

- Acceptance of new technologies.
- 3. Updated qualification procedures.

40mm CTWS Low Risk!

